

PINK BOLLWORM PROGRAM – WEEKLY REPORT

40 YEARS OF SERVICE TO COTTON GROWERS



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Week Ending July 7, 2007

Pink Bollworm Activities

Southern California:

Native Pink Bollworm captures continued to decrease for the eight consecutive week. There were 3,272 Native Pink Bollworm captures this week, bringing the season total to 153,694 Native Pink Bollworm finds. Agricultural Pest Control Supervisor, Jodi Brigman, reports that the pheromone ropes placed in the experimental fields are starting to break down after 64 days in the Southern California heat.

A new cotton field was discovered in Imperial County. The new cotton acreage total for Imperial County is 4,510 acres. Riverside County has 13,625 acres and Riverside County has 640 acres of cotton. There are 369 Pink Bollworm traps in operation in Southern California.

Mass aerial sterile moth release continued this week with 1.97 million sterile moths being released on Sunday and Wednesday. A total of 8,319 sterile moths were trapped this week and the total number recaptured is 23,359 sterile moths.

San Joaquin Valley:

There are 5,435 Pink Bollworm traps covering the 428,340 acres of cotton in the San Joaquin Valley. Most of the trappers have started their regular service cycles. No native Pink Bollworm moths have been detected in 2007.

A total of 11,801,174 sterile moths were received and released for the week, bringing the season release total to 112,230,191. The Shafter Identification Lab examined 256 traps this week and identified 5,536 sterile moths.

Associate Agricultural Biologist, Tyson Porter, conducted Heat Illness Prevention training for Pink Bollworm staff in Fresno and Shafter. The 1½-hour course is mandatory for all employees who perform work outdoors. The course proved to be relevant, as temperatures have been over 100 degrees Fahrenheit for the past week. The first in-field PBW generation in Tranquility is expected to occur on July 17th. This is 11 days ahead of the 2006 heat unit degree-day model.

Sacramento Valley:

The latest heat unit projections indicate mapping and trapping will begin in mid August. Requests were made for cotton acreage and locations from Colusa, Sutter, Glenn and Yolo Counties.